(19) World Intellectual Property Organization

International Bureau



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(43) International Publication Date 23 June 2005 (23.06.2005)

PCT

(10) International Publication Number WO 2005/056586 A1

- (51) International Patent Classification⁷: C07K 14/28, C12N 15/31, G01N 33/53, A61K 39/106
- (21) International Application Number:

PCT/EP2004/053342

- (22) International Filing Date: 8 December 2004 (08.12.2004)
- (25) Filing Language:

English

(26) Publication Language:

English

- (30) Priority Data:
 - 03104603.0

9 December 2003 (09.12.2003) E

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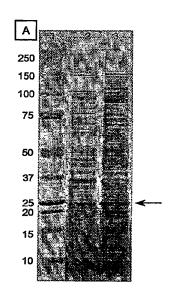
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

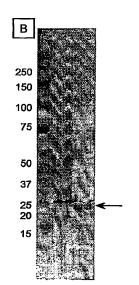
Published:

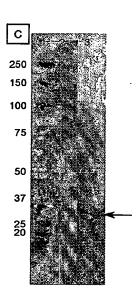
with international search report

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(54) Title: LAWSONIA INTRACELLULARIS 26 KD SUBUNIT VACCINE







(57) Abstract: The present invention relates i.a. to nucleic acids encoding novel Lawsonia intracellularis proteins. It furthermore relates to DNA fragments, recombinant DNA molecules and live recombinant carriers comprising these sequences. Also it relates to host cells comprising such nucleic acids, DNA fragments, recombinant DNA molecules and live recombinant carriers. Moreover, the invention relates to proteins encoded by these nucleotide sequences and to their use for the manufacturing of vaccines. The invention also relates to vaccines for combating Lawsonia intracellularisinfections and methods for the preparation thereof. Finally the invention relates to diagnostic tests for the detection of Lawsonia intracellularis antigens and of antibodies against Lawsonia intracellularis.

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